Eric Flowers

From: Pat Edgens <PEdgens@fce-engineering.com>
Sent: Thursday, January 26, 2017 6:53 PM
To: Eric Flowers
Subject: RE: Proposed construction permit draft for MMC Materials, Inc. Rossville , TN
Attachments: CN-0749 (1) revised 01.26.2017.pdf

Eric,

Attached is the revised APC Form 111 with the extra 30,000 yds capacity on annual throughput

Thanks
Pat

From: Eric Flowers [mailto:Eric.Flowers@tn.gov]
Sent: Thursday, January 26, 2017 4:34 PM
To: Pat Edgens <PEdgens@fce-engineering.com>
Subject: RE: Proposed construction permit draft for MMC Materials, Inc. Rossville , TN

Pat:

Please revise attached APC form 111 to reflect the increase from 100,000 yards of concrete to 130,000 yards per year and email to me as soon as possible. Thanks.

Eric

From: Pat Edgens [mailto:PEdgens@fce-engineering.com]
Sent: Thursday, January 26, 2017 9:57 AM
To: Eric Flowers
Subject: Re: Proposed construction permit draft for MMC Materials, Inc. Rossville , TN

Eric,

I talked with Mark and one thing he wanted to request was that he would feel more comfortable if the total production limit was raised to 130,000 yds. He thinks that if he gets a big demand job that the facility may need a cushion.

Other than that, we look great.

Thanks
Pat

Sent from my iPhone

On Jan 25, 2017, at 11:03 AM, Eric Flowers <Eric.Flowers@tn.gov> wrote:

Mr. Mark McCormick and Mr. Pat Edgens:

Please find attached a draft proposed construction permit and associated calculation sheet for actual and allowable emissions (for info purposes) for the MMC Rossville TN plant. If possible could a review and comments if any on the draft permit be provided via email by 4 PM Friday 1-27-17 . TN APC must issue construction permits in a timely manner prior to our regulatory deadlines. Your prompt review will help. Also please feel free to call at any time if anything is not clear to discuss. Thanks again for Pat's help and the updated application which distinctly clarified the project equipment to be installed and layout of the facility.

<image001.png>

Eric R. Flowers | Environmental Consultant 3
West Tennessee Permit Program

Division of Air Pollution Control
William R. Snodgrass Tennessee Tower, 15th Floor
312 Rosa L. Parks Avenue
Nashville, Tennessee 37243

Office desk phone: 615-532-0609
Fax: 615-532-0614
Email: Eric.Flowers@tn.gov

Tell us how we're doing. Take our TDEC customer service survey.

<MCC Con permit draft MMC Rossville 24-0119 fabric filters on silos, cem batcher & truck load out 1 -25 -17.docx>

<MCC Materials actual and allowable emissions calcs 24-0119 971280P ERF 1-25-17.docx>

State of Tennessee
Department of Environment and Conservation
Division of Air Pollution Control
William R. Snodgrass Tennessee Tower
312 Rosa L. Parks Avenue, 15th Floor
Nashville, TN 37243
Telephone: (615) 532-0554

NON-TITLE V PERMIT APPLICATION
CONCRETE BATCH PLANT SOURCE DESCRIPTION

Please type or print and submit in duplicate. Attach to the Non-Title V Facility Identification Form (APC 100).
Attach a Plant Diagram according to the instructions given below.

GENERAL IDENTIFICATION AND DESCRIPTION

1. Organization name MMC Materials, Inc.			For APC use only	APC Company – point no.
2. Emission source no. (As on Non-Title V Facility Identification Form) S1, S2, S3, WB1, WB2		Date constructed		APC Log/Permit no.
3. Maximum annual production: (Yards) 130,000 cubic yards	Transit mix X	Central mix	Dry mix Dry Mix Plant	

ROAD DUST AND STOCKPILE INFORMATION

4. Road dust control:	None	Paved	Oiled	Watered frequently	
Plant yard:		50%		50%	
Access roads:		100%			
5. Stockpiles:	Estimated annual tonnage	Number of sides enclosed	Turnover rate (Tons/Month)	Received damp	Wetted as received
Gravel:	100,000 tons	3	8,500 tons	X	
Sand:	75,000 tons	3	6,250 tons	X	

CEMENT RECEIVING AND STORAGE

6. Cement receiving equipment (Circle or complete as appropriate)	Is conveyor enclosed? Yes or No YES	Is elevator enclosed? Yes or No NA	Compressed air flow ($Ft.^3/Min.$)	Average load size (Tons) 25 tons	Normal loading time (Min.) 30-45 min

7. Cement storage silos: for each silo see brochure	Number of silos	Total capacity (Units: barrels or tons)	Silo vent controls Discharges to (check one) C&W Cartridge Filter
	3	2,000 barrels	Fabric filter [X] Another silo [ ] Other [ ] None [ ]

WEIGH-BATCHER INFORMATION

8. Weigh batcher:	Capacity (Yards)	Batching rate (Yards/Hour)	Batch dumping rate (Yards/Minute)
	12 cubic yards	200 yard/hr	3.3

Silo – to – weight – batcher vent controls (Check)	Hood [ ]	Fabric filter [X]	Discharges to silo [ ]	None [ ]	Coneco 14-23 See brochure

9. Weigh - batcher: (Check or complete as appropriate) See Comment Box for Vendor supplied info on PJ-980D	Discharges to: (In yards/year)		
	Trucks X	Tilt	Products mixer

Weigh-batcher discharge chute controls: Shroud 9'x6'-8' Curtain 6' deep

Adjustable gathering hopper [X] Hood [X] Fabric filter [X] PJ-980D Discharges to silo [ ] None [ ]

Concrete batch plant diagram instructions: Show general plant layout and air pollution control devices. Indicate the following: storage pile areas, conveyor systems, method of receiving cement, elevators, silos, silo vents, silo-to-weigh-batcher vent, weigh-batcher discharge chute, and product receiving equipment such as trucks and tilt or product mixers. Indicate air pollution control devices such as fabric filters, wet suppressions, hoods, canvas coverings, enclosures, etc.

(Over)